

INDOT

Major Projects Delivery

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June 25, 2021

Project Overviews

Clear Path contracts 1 and 2

(I-69/465 northeast interchange reconstruction)

Ohio River Crossing (ORX) Indiana approach

I-465/865 Northwest

(interchange reconstruction)

I-65 Safety and Efficiency

I-70 Added Travel Lanes east of I-465 (Greenfield)

I-70 Added Travel Lanes (Richmond)

Project Information

- Data is informational
- Quantities are estimates
- Some project and procurement websites are available at:
 - <https://www.in.gov/indot/3995.htm>
- Projects are programmed and funded

Delivery Methods

- Design-Bid-Build (Standard Letting)
 - Advertised (4-6 weeks prior to letting date)
 - Design Complete and available
 - Tracings and Contract Documents
 - Subcontractors established prior to bid
 - Low Bidder (if awardable)

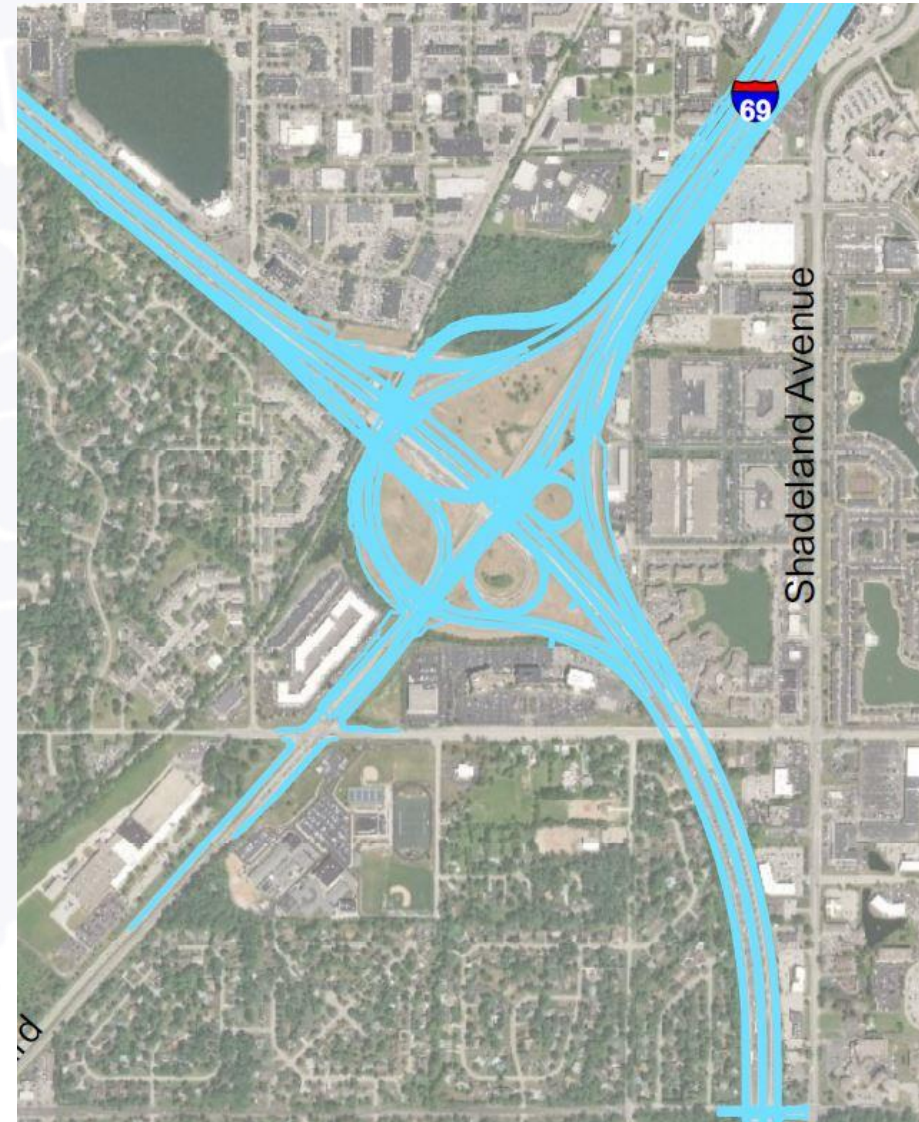
Delivery Methods

- Design-Build Low Bid
 - Advertised (~8 weeks prior to letting date)
 - Preliminary Design available
 - Final Design Completed by Contractor
 - Low Bidder (if awardable)
 - Professional Services Subcontractors may be established prior to bid
 - Construction Subcontractors will be established as design is finalized

Delivery Methods

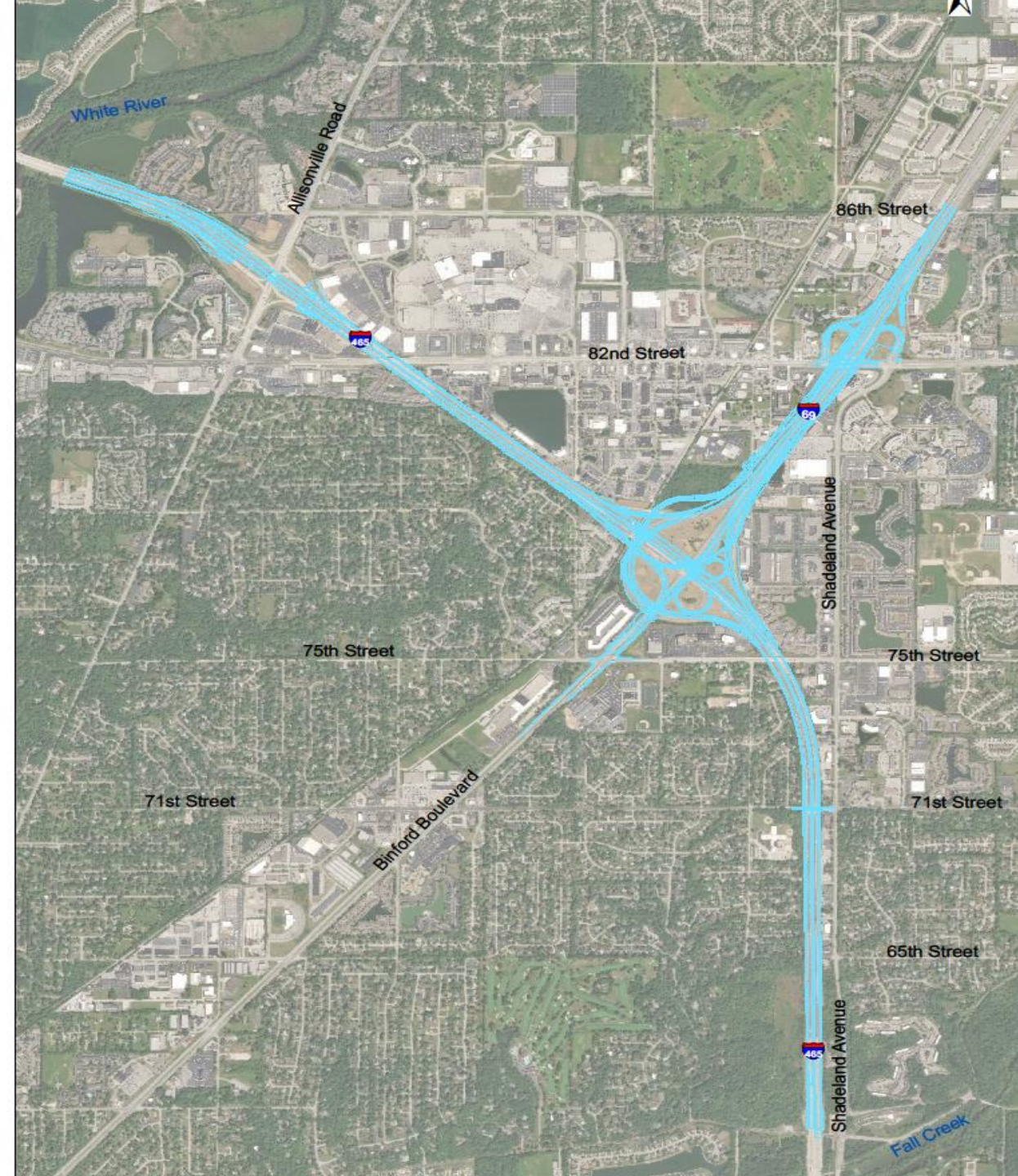
- Design Build Best Value (P3 Statute)
 - Statement of Qualifications submitted
 - Teams/Proposers Shortlisted (Will be on INDOT website)
 - Contract Documents completed over 6-month process
 - Technical and Price Proposals submitted and evaluated
 - Preferred Proposer Selected (Score)
 - Not necessarily low bidder
 - Professional Services Subcontractors may be established prior to NTP
 - Subcontractors will be established as design is finalized after NTP

I-465/I-69 Clear Path



Clear Path 465

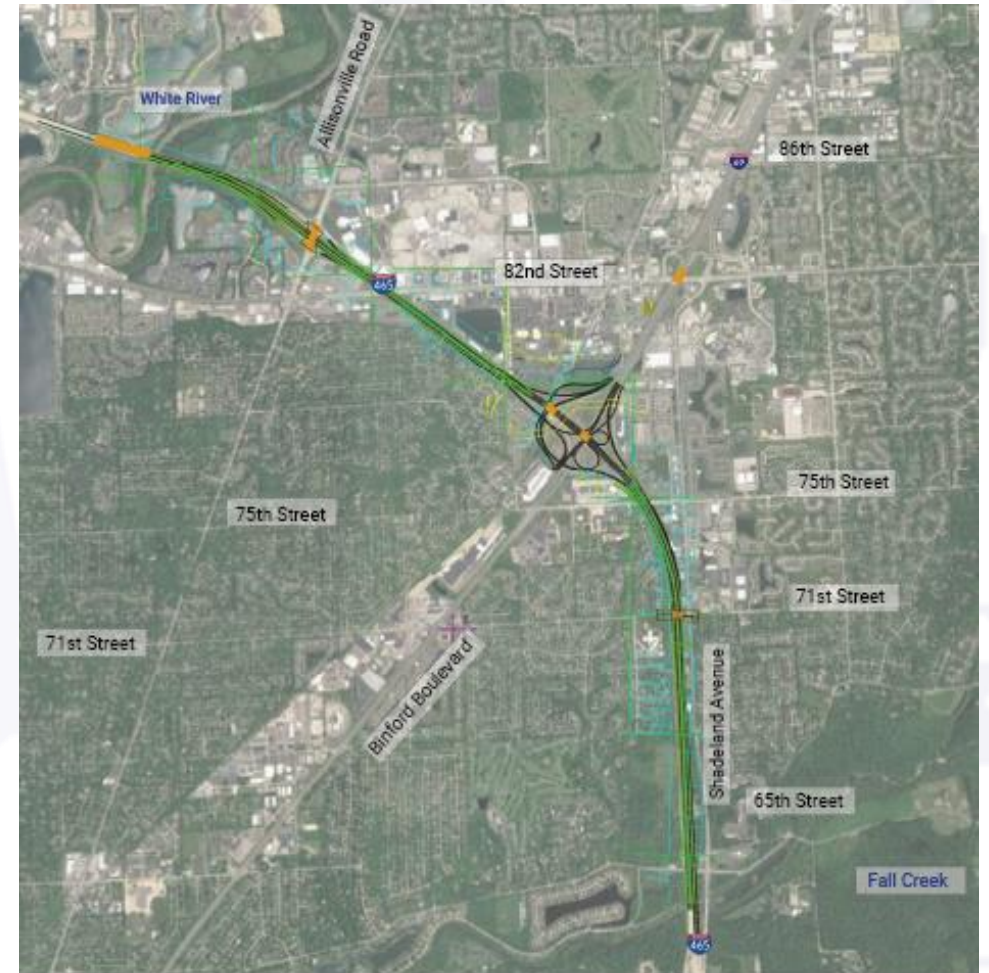
- Reconstruction of and modification to the I-465/I-69 interchange with added capacity along I-465 from the White River to Fall Creek.
- 91 lane miles of road work
- 3 interchanges
- Project has been broken into two contracts



Clear Path 465 contract 1 - R-38526

Contract 1 consists of:

- Added travel lanes on I-465 from White River to the west end of the I-465/I-69 interchange (approx. 1.9 miles).
- Added travel lanes from the east end of the I-465/I-69 interchange to the bridge over Fall Creek Road (approx. 1.8 miles).
- Also includes ramp construction at I-465/Allisonville Road, reconstruction of E. 71st Street (0.1 mile) and Castleton Road (0.1 mile).
- Also includes demolition of a major structure and an existing ITS shelter.



Clear Path 465 contract 1 - R-38526

Estimated construction cost: **\$150 million**

Estimated letting date: **November 2021**

Procurement method: **Design-Bid-Build**

DBE goal range: **TBD**

Estimated calendar year(s) of construction: **2022-2023**

Preliminary pavement type: **Continually Reinforced Concrete (CRC)**

Clear Path 465 contract 1 - R-38526

Estimated quantities:

- Sq yards of pavement (CRC) – **415,000**
- Sq yards of pavement (PCCP) – **14,000**
- Sq yards of pavement (HMA) – **5,000**
- Number of bridges – 0 new, **2** rehab and widen, 0 replace, **1** thin deck overlay, **4** approach slab reconstructions
- Sq feet of bridge deck (rehab and widen) – **26,200**
- Sq feet of bridge deck (thin deck overlay) – **37,900**
- Linear feet of retaining wall – **20,000**
- Cubic yards of cut – **390,000**
- Cubic yards of fill – **90,000**

Clear Path 465 contract 2 - R-43518

Contract 2 includes:

- added travel lanes and realignment of I-465 through the I-69 interchange (approx. 0.75 miles)
- I-69 from I-465 to north of 82nd Street (approx. 1.5 miles), the I-69 C-D roads, Binford Boulevard from 0.8 miles south of I-465 to I-465
- Ramp construction at I-465/I-69 and I-69/82nd Street



Clear Path 465 contract 2 - R-43518

Estimated construction cost: **\$190 million**

Estimated letting date: **November 2022**

Procurement method: **Design-Bid-Build**

DBE goal range: **TBD**

Estimated calendar year(s) of construction: **2023-2025**

Preliminary pavement type: **Continually Reinforced Concrete (CRC)**

Clear Path 465 contract 2 - R-43518

Estimated quantities:

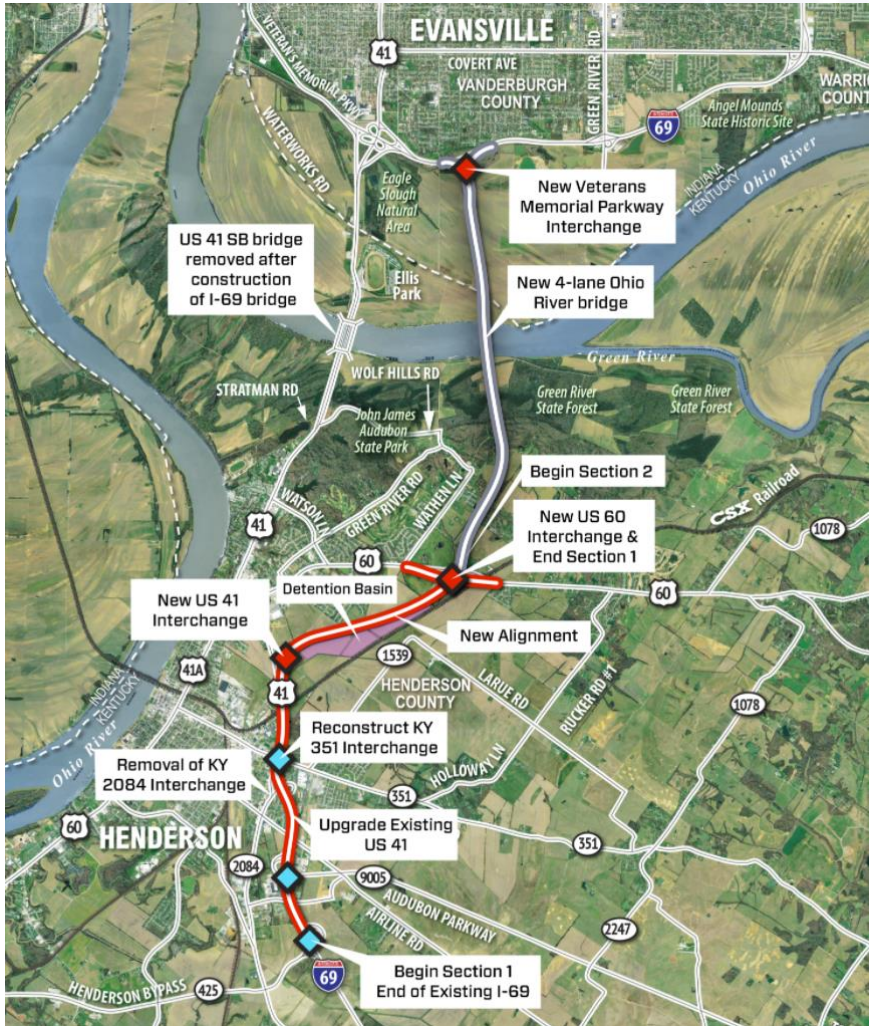
- Sq yards of pavement (CRC) – **420,000**
- Sq yards of pavement (PCCP) – **6,000**
- Sq yards of pavement (HMA) – **18,000**
- Number of bridges – **12** new, **0** rehab, **2** replace
- Sq feet of bridge deck (new) – **174,000**
- Sq feet of bridge deck (replace) – **35,900**
- Linear feet of retaining wall – **17,000**
- Cubic yards of cut – **775,000**
- Cubic yards of fill – **875,000**

Clear Path 465

Of note:

- There will be a one-year gap between the start of Contract 1 and Contract 2.
- MOT on I-465 will remain under the control of Contract 1 until Contract 1 is complete.
- MOT cross-overs on I-465 will be reestablished for Contract 2.
- Building demolition along I-69 should be completed in earlier contracts.
- Includes three traffic signal modifications and one new traffic signal.
- Contract #2 will include final I-465 signing and pavement markings.

Ohio River Crossing (ORX)

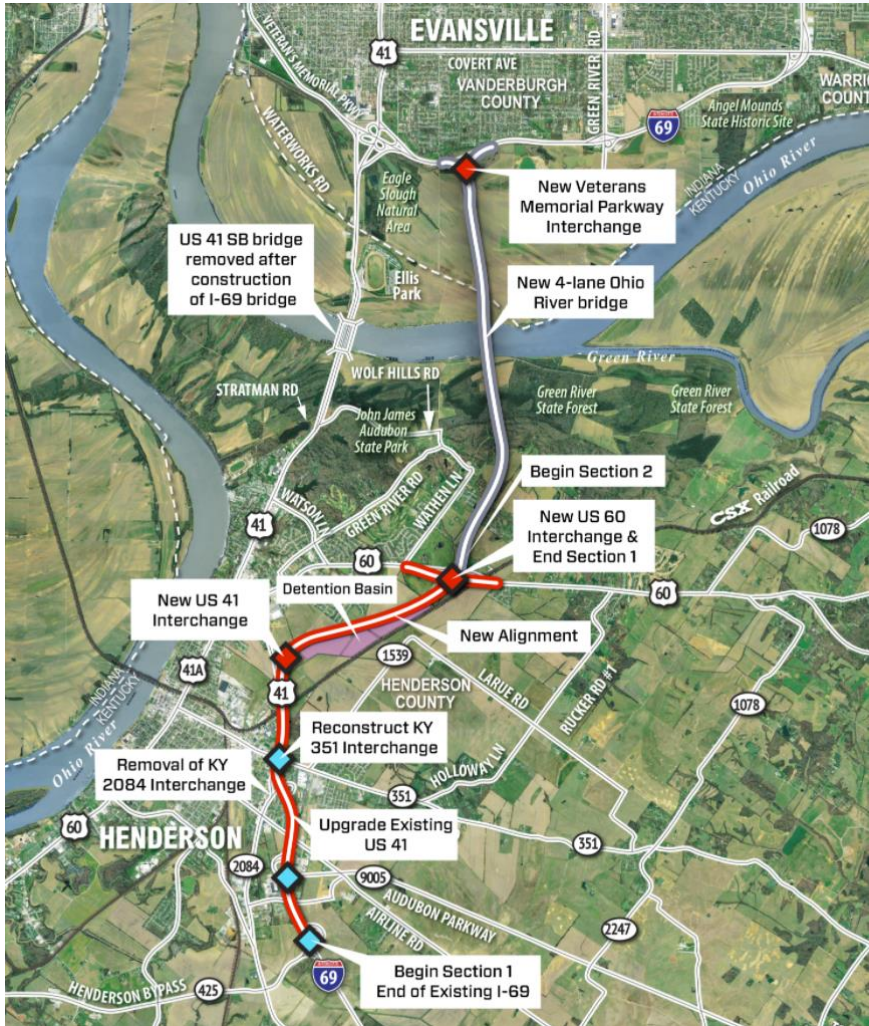


Kentucky is scheduled to begin construction on improvements in Henderson from KY 425 to US 60 early next year with the work completed in 2025.

Gov. Holcomb's infusion of \$200 million will allow design of the Indiana approach to begin next year, with construction of the Indiana approach work to be completed in 2027.

Then construction can begin on I-69 ORX Section 2, the bi-state project that includes the new I-69 Ohio River Crossing.

Ohio River Crossing (ORX)

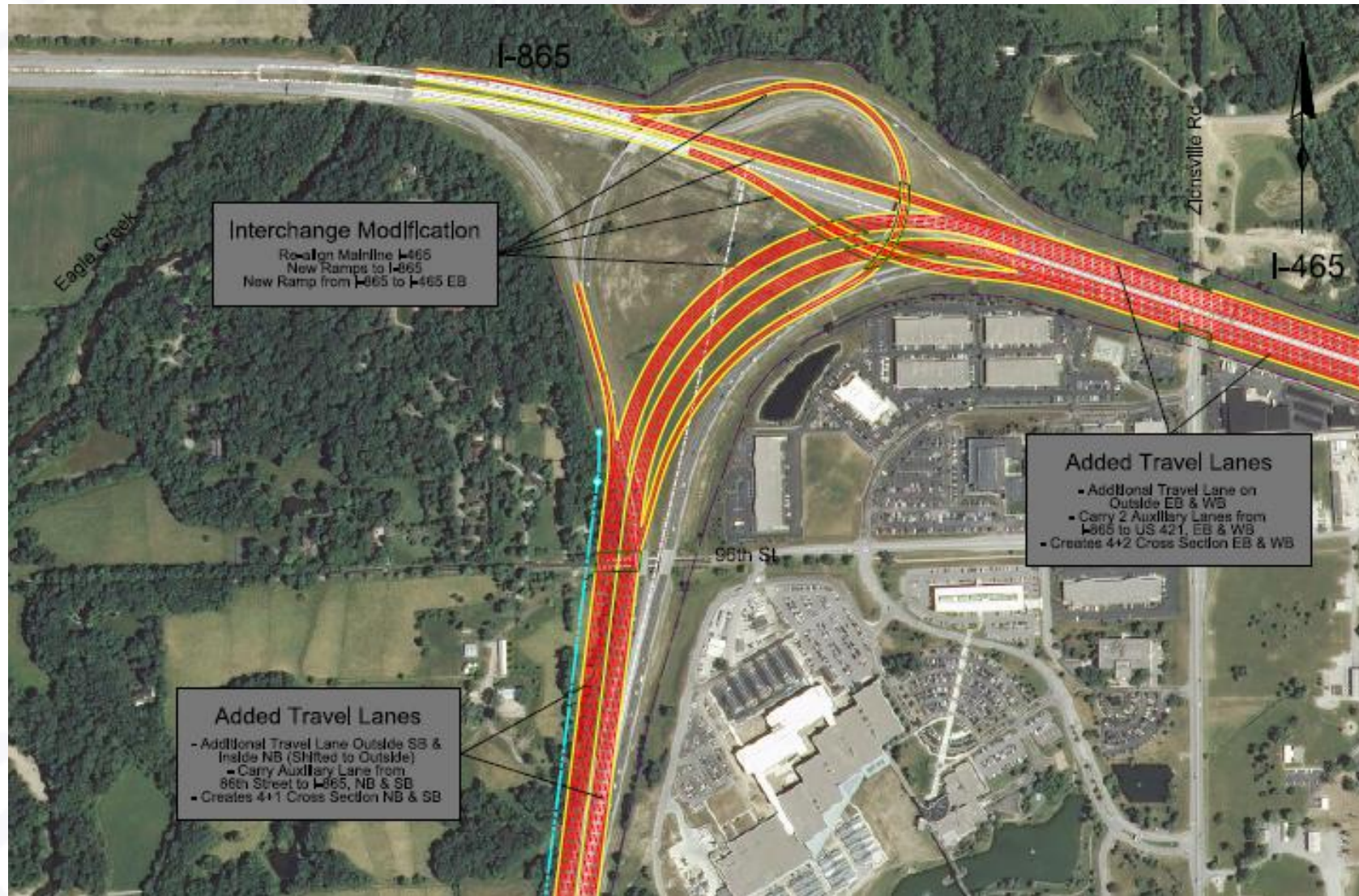


Final Environmental Impact Statement and Record of Decision are anticipated this fall.

INDOT will finalize the procurement method for the Indiana approach work this winter.

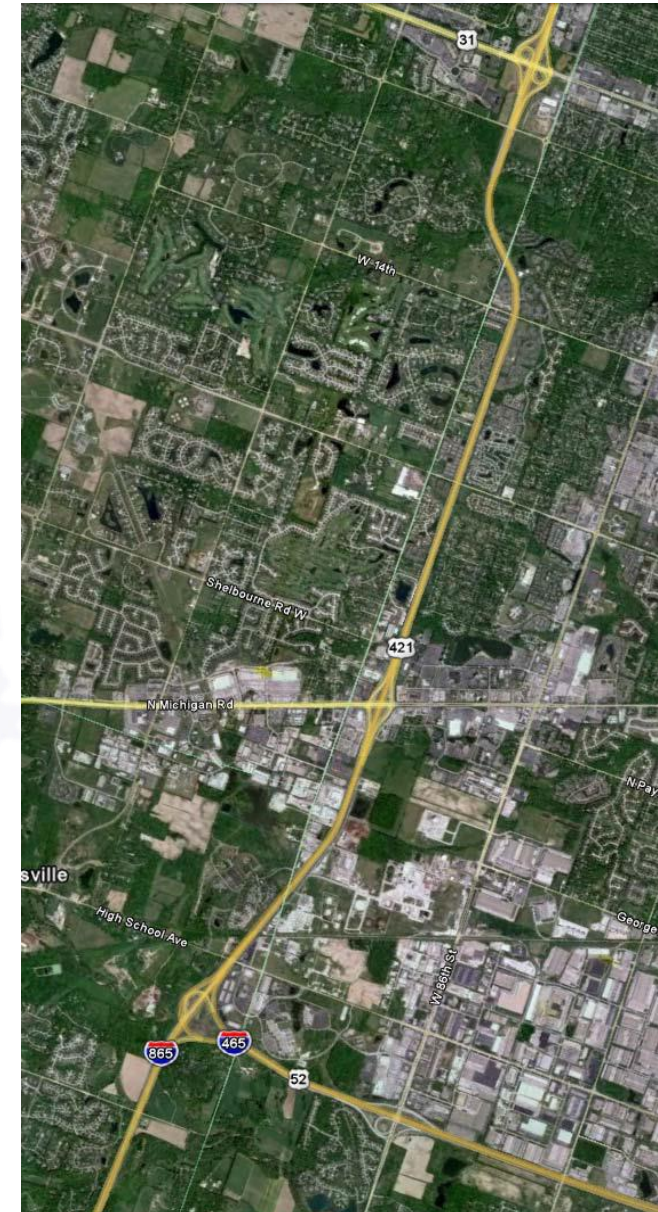
There will be more information later this year as to specific schedule milestones.

I-465/I-865 Northwest Reconstruction - R-41789



I-465/I-865 Northwest Reconstruction - R-41789

- Intent is to improve the capacity of I-465 from 86th Street to US 31 on northwest side of Indianapolis
- Approximately 7.5 miles of road work
- Reconfigure and reconstruct the I-456/I-865 Interchange



I-465/I-865 Northwest Reconstruction - R-41789

Estimated Construction Cost: **\$260 Million**

Anticipated Letting: **2025**

Delivery Method: **Design-Bid-Build**

DBE Goal Range: **TBD**

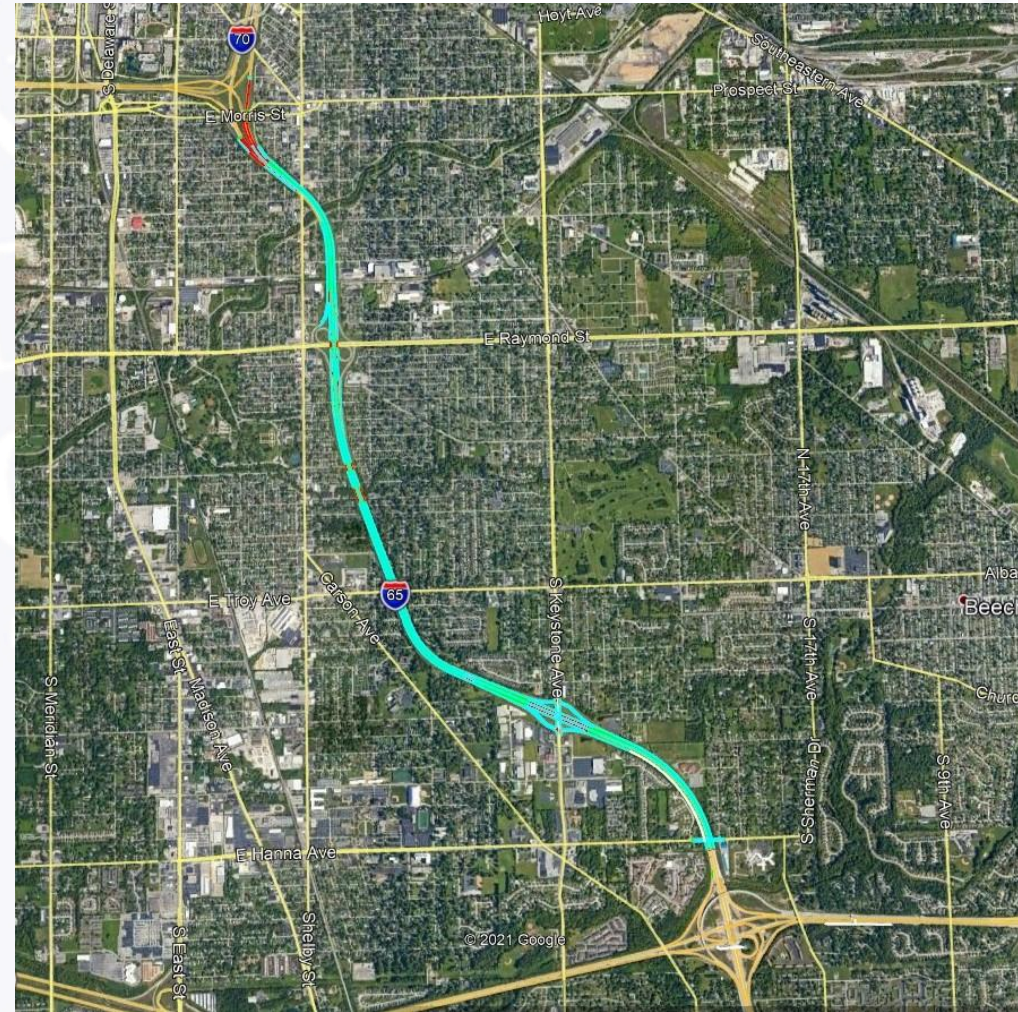
Estimated Calendar Years of Construction: **2025, 2026**

Pavement Type: **TBD**

I-65 Safety and Efficiency - R-38912

Added travel lanes on I-65 from approximately I-465 on the south to the I-65/I-70 South Split on the north.

This project was developed to accommodate other major projects in the area, such as the North Split reconstruction and the I-69 Finish Line project.



I-65 Safety and Efficiency - R-38912

Estimated construction cost: **\$120 million**

Estimated letting date: **2025**

Procurement method: **Design-Bid-Build**

DBE goal range: **TBD**

Estimated calendar years of construction: **2025, 2026**

Preliminary pavement type: Project has both **HMA** and **concrete** to match existing adjacent pavement.

I-65 Safety and Efficiency - R-38912

Estimated quantities:

- Sq yards of pavement:
 - **321,643** of HMA overlay
 - **126,786** of new (HMA & Concrete)
- Number of bridges – new **0**, rehab **21**, replace **2**
- Sq feet of bridge deck – **321,000**
- Linear feet of retaining wall – **625**
- Cubic yards of cut – **70,000**
- Cubic yards of fill – **7,900**

I-65 Safety and Efficiency - R-38912

Of note:

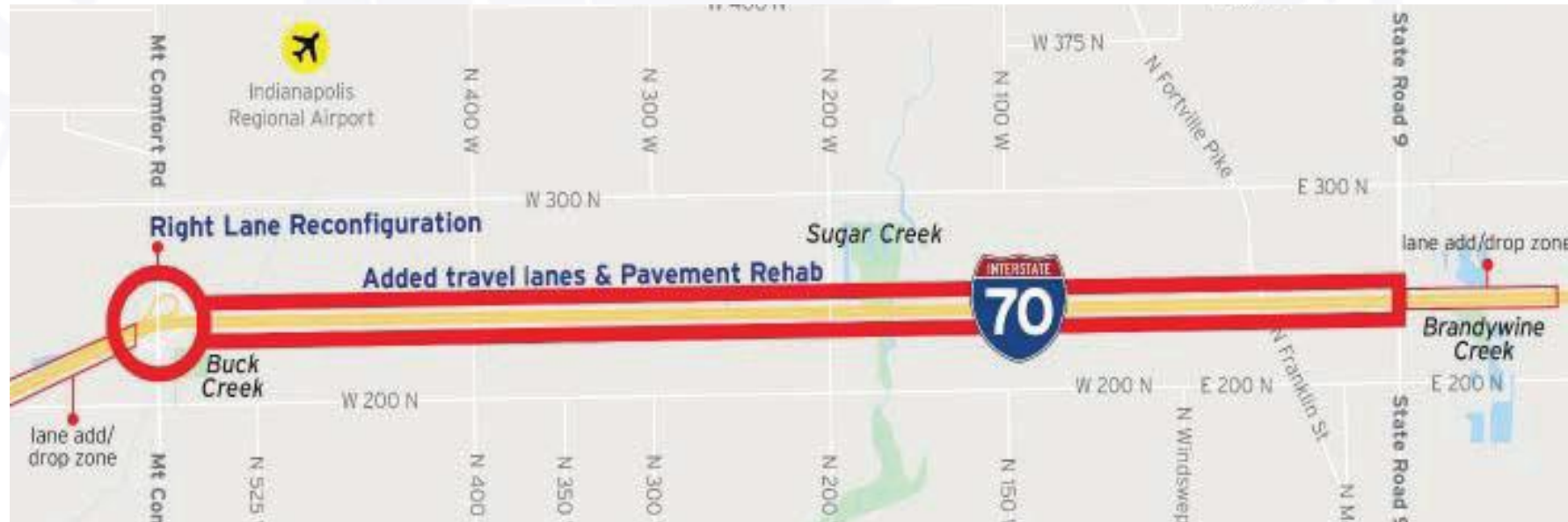
- 17 new bridge overlays added to project during design based on input from the Greenfield District Asset Team.
- Will incorporate multimodal facilities on Hanna Ave. bridge over I-65 based on coordination with DPW and the Greenfield District.
- Will include a study to determine the applicability and feasibility of limited TSMO strategies within the corridor – namely peak-period hard-shoulder running, ramp metering, lane control and variable speed limits.

I-70 Added Travel Lanes (Greenfield)

- Contract **R-41501**
- Will add a 3rd lane in the median on EB and WB
- Pavement rehabilitation throughout project limits
- County Road 700 bridge over I-70 to be replaced



I-70 Added Travel Lanes (Greenfield)



- Project limits from approx. Mount Comfort Road to SR 9
- Alternative pavement type bidding will be allowed

I-70 Added Travel Lanes (Greenfield)

Estimated construction cost: **\$100 million**

Estimated letting date: **September 15, 2021**

Procurement method: **Design-Build Low Bid**

DBE goal range: **TBD**

Estimated calendar year(s) of construction: **2022-2024**

Preliminary pavement type: Project has both **HMA and concrete** to match existing adjacent pavement, but contractors can bid alternate pavement types.

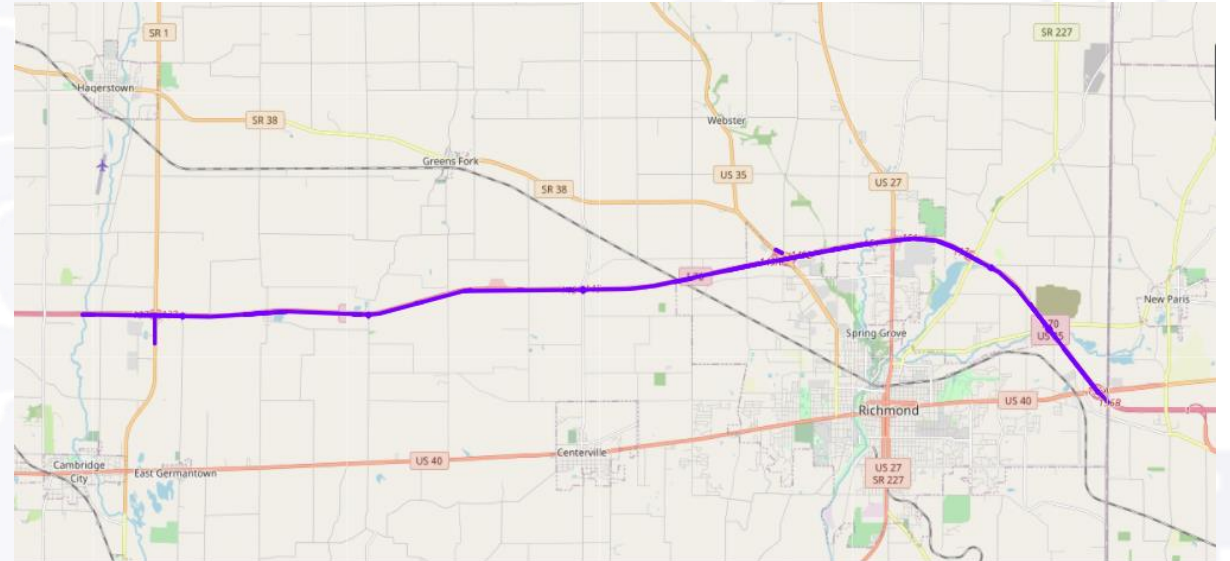
I-70 Added Travel Lanes (Greenfield)

Estimated quantities:

- Sq yards of pavement – approximately **730,000**
- Number of bridges – **0** new, **6** rehab, **1** replace
- Sq feet of bridge deck – approximately **86,000**
- Linear feet of retaining wall – approximately **1,600**

I-70 Added Travel Lanes (Richmond)

- Contract **R-43375**
- I-70 added travel lanes and pavement replacement
- From 1 mile west of SR 1 to the state line (20 miles)



I-70 Added Travel Lanes (Richmond)

Within project limits there are 43 bridges:

- **2** bridge replacements
- **32** bridge widenings
- **2** bridge deck overlays
- **4** bridge paintings
- **3** bridges with no work

I-70 Added Travel Lanes (Richmond)

Within project limits there are 6 interchanges:

- **2** interchange modifications
- **3** interchange ramp modifications
- **1** interchange with no work

Preliminary pavement type: **CRCP**

Estimated square yards of pavement:
approximately **1.3 million**

I-70 Added Travel Lanes (Richmond)

Estimated construction cost: **\$430 million**

Procurement type: **Design-Build Low Bid**

Estimated letting date: **FY 2025**

DBE goal: **TBD**

Estimated calendar years of construction: **2025-2027**

Reminder!

- Please go to the INDOT Major Project webpage and explore the project and procurement websites
- Websites for some of the newer projects are under development
- <https://www.in.gov/indot/3995.htm>

Reminder!

- Data is informational
- Quantities are estimates
- Projects are programmed and funded

Thank you

Addendum:

- The following question were submitted to INDOT Major Projects Delivery following the June 25 presentation.

Q. Will it be possible to have the design files (CAD) available for the contractors use? With the volume of work on these Major Project this information not only increases the accuracy of our pricing but also the costs we have building that up. We would be happy to sign a waiver to use this information at our risk.

A: INDOT plans to release drawing files for the I-70 Added Travel Lanes east of I-465 (Greenfield) project on July 14 as is customary for Design-Build Low Bid contracts. The plan files are intended strictly as a reference set for proof of concept which only meets Level One criteria and waivers will be required.

Q. Can a list of the Engineers and Consultants being used by INDOT for design be provided so we know who not to contact. Especially those conflicted out on the design build delivery projects.

A: Firms under contract to INDOT performing preliminary engineering and related services for the I-70 Added Travel Lanes east of I-465 (Greenfield) project and associated sub-consultants are as follows: RQAW (lead), CHA (sub), First Group (sub), Etica (sub), Metric (sub), Resource International (sub).

Q. How soon can the general contractors see a draft RFP for comment? A few Issues that affect the pursuit that would be helpful to understand early would be anticipated Alternates, A + B Bidding, Stipend Amounts, DBE Requirements, Major Utility Work, Right of Way Encumbrances, and Railroad Involvement. Earlier the better.

A. The I-70 Added Travel Lanes east of I-465 (Greenfield) project is a Design-Build Low Bid contract and there will be no RFP.

1. With all these Major Projects has INDOT considered purchasing the Temporary Barrier Wall and having the contractors include moving it from INDOT storage Locations as needed?

A: INDOT has looked into purchasing moveable barrier wall and so far at this time it has been cost prohibitive. We have reevaluated this question on a regular basis.